

Biochemistry test report



Patient:	CAYENNE	Species:	Canine	Patient ID:	118204
Client:	PACLAR	Gender:	Female	Sample No.:	02
Doctor:		Age:	11Y	Time of analysis:	2025/07/21 09:50

Item		Current result		Ref. Ranges	
Protein	TP	7.44	g/dL	5.31-7.92	
Protein	ALB	↓ 2.30	g/dL	2.34-4.00	
Protein	GLOB	5.14	g/dL	2.54-5.20	
Protein	A/G	0.4			
Liver and gallbladder	ALT	21.8	U/L	10.1-100.3	
Liver and gallbladder	AST	22.9	U/L	0.0-51.7	
Liver and gallbladder	AST/ALT	1.05			
Liver and gallbladder	ALP	145.8	U/L	15.5-212.0	
Liver and gallbladder	GGT	<2.0	U/L	0.0-15.9	
Liver and gallbladder	TBIL	0.15	mg/dL	0.00-0.88	
Liver and gallbladder	TBA	<1.0	μmol/L	0.0-30.0	
Pancreas	AMY	↑ 1370.6	U/L	397.7-1285.1	
Kidneys	BUN	20.43	mg/dL	7.03-27.45	
Kidneys	CREA	0.56	mg/dL	0.23-1.40	
Kidneys	BUN/CREA	36.0			
Cardiovasc./Muscle	CK	85.5	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	55.6	U/L	0.0-143.6	
Energy metabolism	GLU	112.6	mg/dL	68.5-135.2	
Energy metabolism	TC	↑ 440.1	mg/dL	103.2-324.1	
Energy metabolism	TG	↑ 141.7	mg/dL	8.9-115.1	
Minerals	Ca	9.48	mg/dL	8.40-11.88	
Minerals	PHOS	4.65	mg/dL	2.48-6.81	
Minerals	CaxP	3.55	mmol/L^2		
Minerals	Mg	↓ 1.36	mg/dL	1.48-2.58	
Electrolytes	Na+	143.0	mmol/L	138.0-160.0	
Electrolytes	K+	4.6	mmol/L	3.5-5.9	
Electrolytes	Na/K	31.2			
Electrolytes	Cl-	111.4	mmol/L	102.7-125.0	

Operator:

Comprehensive Diagnosis Panel

QC QC OK

HEM(Hemolysis degree): 0 LIP(Lipemia degree): 0 ICT(Jaundice degree): 0

The results only applies to this test sample.

Test Instrument:Mindray vetXpert C5 Time of Printing:2025-07-21 09:52:55



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Report Explan.

ALB



Increase is commonly associated with dehydration and corticosteroid administration, etc. Reduction is commonly associated with excessive infusion, malnutrition, hepatic insufficiency or failure, nephropathy, and protein-losing enteropathy.

AMY



Increase is commonly associated with gastroenteritis, pancreatitis, pancreatic tumor, etc.

TC



Increase is commonly associated with biliary obstruction, hypothyroidism, hypercorticism, nephropathy, diabetes, etc. Reduction is commonly associated with protein loss enteropathy, pancreatic exocrine insufficiency, and hypoadrenocorticism, etc.

TG



Increase is commonly associated with postprandial, obesity, diabetes and hypercorticism, etc.

Mg



Increase is commonly associated with nephropathy, hypoadrenocorticism, hypocalcemia, and muscle injury, etc. Reduction is commonly associated with gastrointestinal malabsorption, nephropathy, and hyperthyroidism, etc.

Note: Due to the complexity and individuality of disease diagnosis, the report interpretation is only for your reference. Please consult your doctors for clinical diagnosis results.
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